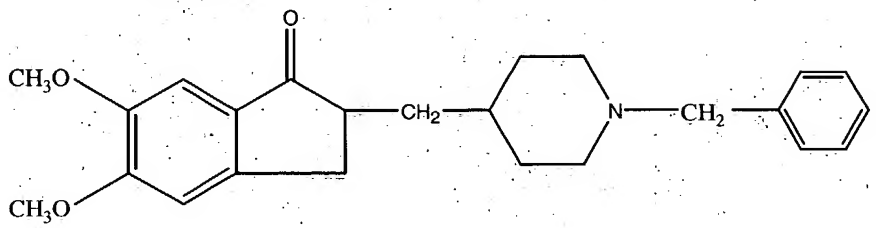
Claims

What is claimed is:

1. An orally administrable solution comprising about 1 milligram to about 100 milligrams of a compound of formula (IV) or a pharmaceutically acceptable salt thereof, and an inert diluent; wherein the compound of formula (IV) is:



(IV)

or a stereoisomer thereof.

2. The orally administrable solution of claim 1, wherein the compound of formula (IV) or the pharmaceutically acceptable salt thereof is present in an amount of about 5 milligrams to about 10 milligrams.

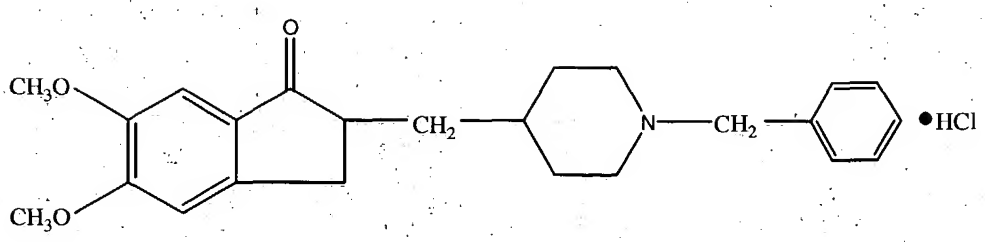
3. The orally administrable solution of claim 1, wherein the compound of formula (IV) or the pharmaceutically acceptable salt thereof is present in an amount of about 5 milligrams.

4. The orally administrable solution of claim 1, wherein the compound of formula (IV) or the pharmaceutically acceptable salt thereof is present in an amount of about 10 milligrams.

5. The orally administrable solution of claim 1, further comprising a wetting agent, an emulsifying agent, a suspending agent, a sweetening agent, a flavoring agent, a perfuming agent, or a mixture of two or more thereof.

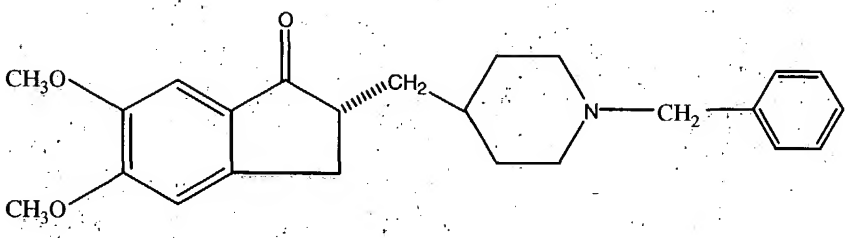
6. The orally administrable solution of claim 1, wherein the inert diluent is water.

7. The orally administrable solution of claim 1, wherein the compound of formula (IV) is

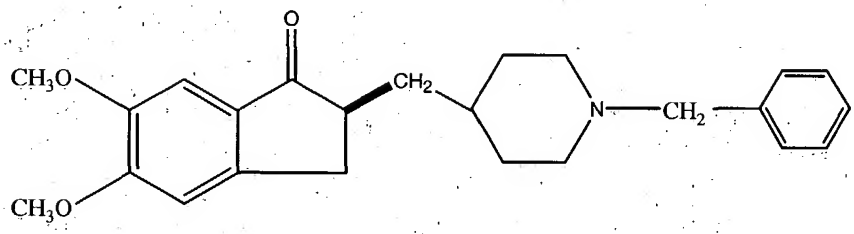


or a stereoisomer thereof.

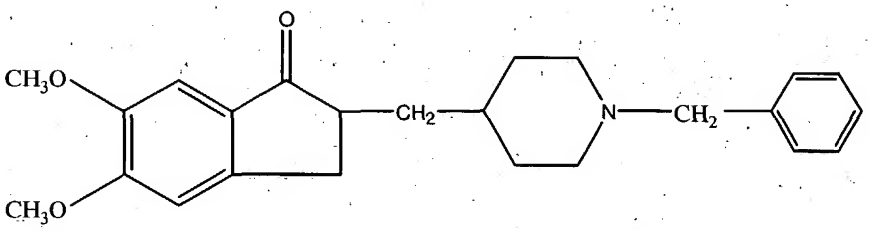
8. The orally administrable solution of claim 1, wherein the compound of formula (IV) is:



9. The orally administrable solution of claim 1, wherein the compound of formula (IV) is:



10. An orally administrable liquid dosage formulation comprising a therapeutically effective amount of a compound of formula (IV) or a pharmaceutically acceptable salt thereof; wherein the compound of formula (IV) is:



(IV)

or a stereoisomer thereof.

11. The orally administrable liquid dosage formulation of claim 10, wherein the liquid dosage formulation is an emulsion.

12. The orally administrable liquid dosage formulation of claim 10, wherein the liquid dosage formulation is a solution.

13. The orally administrable liquid dosage formulation of claim 10, wherein the liquid dosage formulation is a suspension.

14. The orally administrable liquid dosage formulation of claim 10, wherein the liquid dosage formulation is a syrup.

15. The orally administrable liquid dosage formulation of claim 10, further comprising an inert diluent.

16. The orally administrable liquid dosage formulation of claim 15, wherein the inert diluent is water.

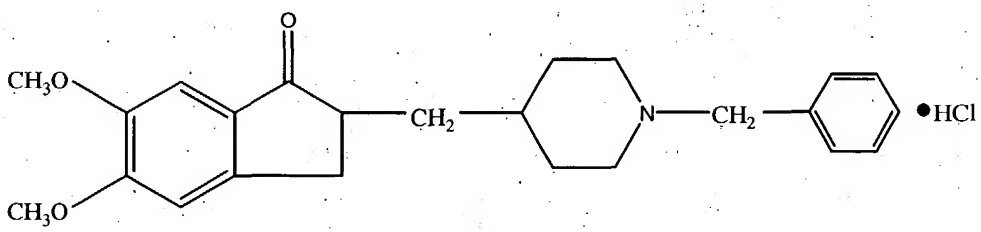
17. The orally administrable liquid dosage formulation of claim 10, further comprising a wetting agent, an emulsifying agent, a suspending agent, a sweetening agent, a flavoring agent, a perfuming agent, or a mixture of two or more thereof.

18. The orally administrable liquid dosage formulation of claim 10, wherein the compound of formula (IV) or the pharmaceutically acceptable salt thereof is present in an amount of about 0.1 milligrams to about 300 milligrams.

19. The orally administrable liquid dosage formulation of claim 10, wherein the compound of formula (IV) or the pharmaceutically acceptable salt thereof is present in an amount of about 1 milligram to about 100 milligrams.

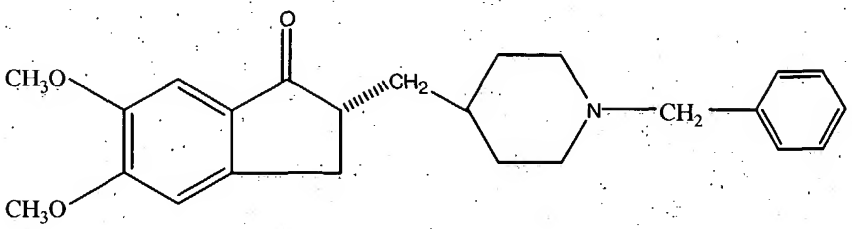
20. The orally administrable liquid dosage formulation of claim 10, wherein the compound of formula (IV) or the pharmaceutically acceptable salt thereof is present in an amount of about 5 milligrams to about 10 milligrams.

21. The orally administrable liquid dosage formulation of claim 10, wherein the compound of formula (IV) is:

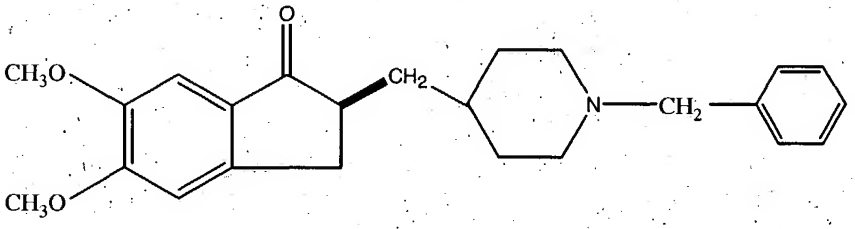


or a stereoisomer thereof.

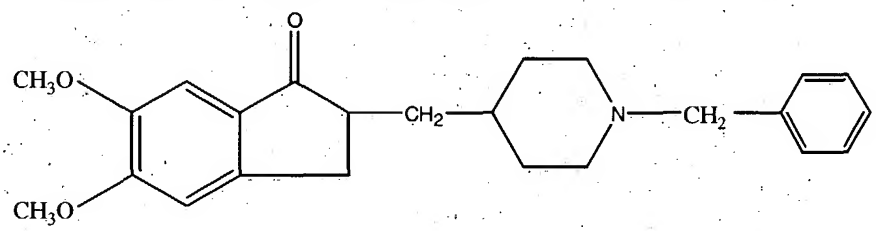
22. The orally administrable liquid dosage formulation of claim 10, wherein the compound of formula (IV) is:



23. The orally administrable liquid dosage formulation of claim 10, wherein the compound of formula (IV) is:



24. An orally administrable solution comprising about 1 milligram to about 100 milligrams of a compound of formula (IV) or a pharmaceutically acceptable salt thereof, an inert diluent, a sweetening agent, a suspending agent, a pH adjusting agent, a preservative, a solvent, an antioxidant, and a flavoring agent; wherein the compound of formula (IV) is:



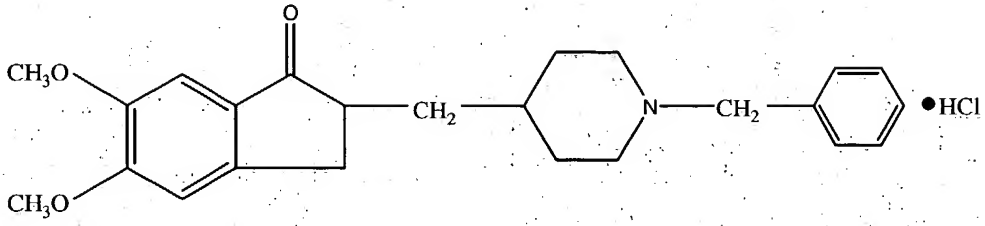
(IV)

or a stereoisomer thereof.

25. The orally administrable solution of claim 24, wherein the compound of formula (IV) or the pharmaceutically acceptable salt thereof is present in an amount of about 5 milligrams to about 10 milligrams.

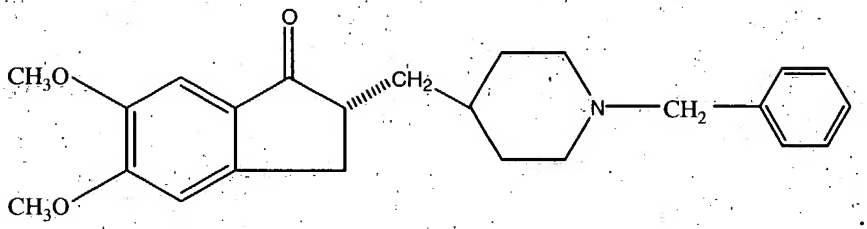
26. The orally administrable solution of claim 24, wherein the compound of formula (IV) or the pharmaceutically acceptable salt thereof is present in an amount of about 5 milligrams.

27. The orally administrable solution of claim 24, wherein the compound of formula (IV) is:

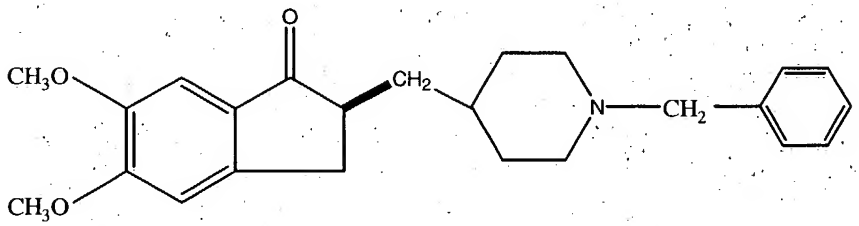


or a stereoisomer thereof.

28. The orally administrable solution of claim 24, wherein the compound of formula (IV) is:



29. The orally administrable solution of claim 24, wherein the compound of formula (IV) is:



30. The orally administrable solution of claim 24, wherein the sweetening agent is a sorbitol, glycyrrhiza, saccharin, sugar, aspartame, or a mixture of two or more thereof; wherein the flavoring agent is a strawberry, peppermint, spearmint, banana, cherry, pineapple, watermelon, grape, raspberry, lemon, orange, chocolate or vanilla flavoring agent; wherein the suspending agent is polyvinylpyrrolidone, acacia, agar, alginic acid, sodium alginate, bentonite, carboxypolymethylene, carboxymethylcellulose, carrageenan, gelatin, hydroxyethylcellulose, hydroxypropycellulose, hydroxypropylmethylcellulose, methylcellulose, a sorbitan ester, tragacanth, xanthan gum, or a mixture of two or more thereof; wherein the pH adjusting agent is citric acid, sodium citrate, adipic acid, sodium bicarbonate, sodium hydroxide, hydrochloric acid, lactic acid, phosphoric acid, or a mixture of two or more thereof; wherein the preservative is sodium benzoate, methylparaben, propylparaben, butylparaben, ethylparaben, butylated

hydroxanisole, butylated hydroxytoluene, sorbic acid, or a mixture thereof; wherein the antioxidant is sodium metabisulfite, sodium sulfite, sodium bisulfite, sodium thiosulfate, ascorbic acid, or a mixture of two or more thereof; wherein the solvent is propylene glycol, alcohol, glycerin, or a mixture of two or more thereof; and wherein the inert diluent is water.

31. The orally administrable solution of claim 24, wherein the sweetening agent is a sorbitol solution; wherein the flavoring agent is a strawberry flavoring agent; wherein the suspending agent is polyvinylpyrrolidone; wherein the pH adjusting agent is anhydrous citric acid, dihydrate sodium citrate or a mixture thereof; wherein the preservative is sodium benzoate, methylparaben, or a mixture thereof; wherein the antioxidant is sodium metabisulfite; wherein the solvent is propylene glycol; and wherein the inert diluent is water.

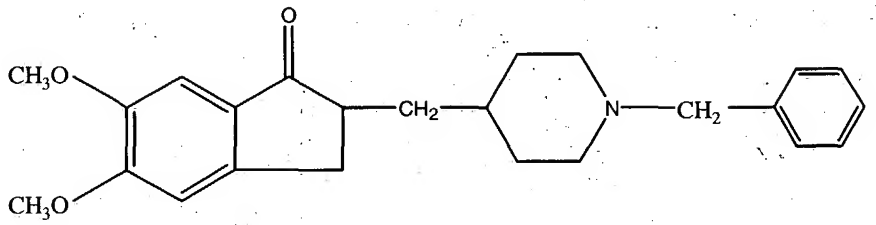
32. The orally administrable solution of claim 31, wherein the sorbitol solution comprises 70% w/w sorbitol.

33. The orally administrable solution of claim 31, wherein the polyvinylpyrrolidone has an average molecular weight of about 10,000 to about 100,000.

34. The orally administrable solution of claim 33, wherein the polyvinylpyrrolidone has an average molecular weight of about 40,000.

35. An orally administrable solution comprising about 1 milligram to about 25 milligrams of a compound of formula (IV) or a pharmaceutically acceptable salt thereof and a solution having a pH from about 7 to about 9 comprising about 25% to about 45% sweetening agent; from about 0.1 to about 3% suspending agent; from about 0.01 to about 5% pH adjusting agent; from about 0.01 to about 3% preservative; from about 1% to about 10% solvent; from about 0.001 to about 1% antioxidant; from about 0.01% to about 3% flavoring agent; and from about 40% to about 70% water;

wherein the compound of formula (IV) is:



(IV)

or a stereoisomer thereof.